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#### EB07284-T - Goat Anti-Peroxiredoxin 2 Antibody -Trial

Size: 20µg specific antibody in 40µl

# Target Protein

Principal Names: peroxiredoxin 2, HGNC:9353, PRDX2, MGC4104, NKEFB, PRP, PRXII, TDPX1, TSA, natural killer-enhancing factor B, thiol-specific antioxidant 1, thioredoxin peroxidase 1, thioredoxin-dependent peroxide reductase 1, torin Official Symbol: PRDX2 Accession Number(s): NP\_005800.3; NP\_859427.1 Human GeneID(s): 7001 Important Comments: This antibody is expected to recognise isoforms a and b only

(NP\_005800.3 and NP\_859427.1 respectively).

#### Immunogen

Peptide with sequence C-NVDDSKEYFSKHN, from the C Terminus of the protein sequence according to NP\_005800.3; NP\_859427.1.

Please note the peptide is available for sale.

## **Purification and Storage**

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide. Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum

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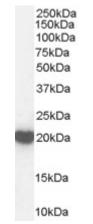
Aliquot and store at -20°C. Minimize freezing and thawing.

## **Applications Tested**

**Peptide ELISA:** antibody detection limit dilution 1:16000. **Western blot:** Approx 20-22kDa band observed in Human Brain lysates (calculated MW of 21.9kDa according to NP\_005800.3). Recommended concentration: 0.3-1µg/ml. Primary incubation was 1 hour.

## **Species Reactivity**

Tested: Human Expected from sequence similarity: Human, Mouse, Rat



EB07284 (1µg/ml) staining of Human Brain lysate (35µg protein in RIPA buffer). Detected by chemiluminescence.